

ABSTRACT

In an ultrasonic sensor having an integral housing including a plurality of tubular containers that are open at one end and closed by bottom parts at the other end and have side parts extending from the one end to the other end, and at least one connecting part that connects the plurality of tubular containers; and piezoelectric devices disposed on respective inner bottom surfaces of the respective bottom parts of the plurality of tubular containers, it is possible that reverberations of vibrations created by one of the piezoelectric devices affects another piezoelectric device through the connecting part.

Side parts 11b and 12b of tubular containers 11 and 12 are connected to each other, through a connecting part 13, at portions adjacent to bottom parts 11c and 12c where the amount of displacement caused by the vibrations of piezoelectric devices 51a and 51b is smallest.